

# Digital Phone Card™ with GSM Software Modem

*CompactFlash Card with attached cable for  
connecting GSM phones to:*

- *Windows Powered Pocket PCs*
- *Windows CE-based Palm-size PCs, Handheld PCs, and pen tablets*
- *Windows 9x/Me/2000/XP notebooks*

## User's Guide



**socket**™

## How this Manual is Organized

This manual is designed to help you install and the operate the Socket Digital Phone Card.

Chapter 1, **Introduction**, describes key features of the DPC and identifies package contents.

Chapter 2, **Preliminary Setup**, explains the first several setup steps, which are done the same for all Windows versions.

Chapter 3, **Windows CE Setup**, shows the later part of DPC setup for a Windows Powered Pocket PC or Windows CE-based Palm-size PC, Handheld PC Pro or pen tablet.

Chapter 4, **SMS Messaging for Windows CE**, explains how to send and receive SMS messages for Windows CE.

Chapter 5, **Windows 9x/Me Setup**, shows the latter part of DPC setup for a Windows 9x/Me notebook.

Chapter 6, **Windows 2000/XP Setup**, shows the latter part of DPC setup for a Windows 2000/XP notebook.

Chapter 7, **SMS Messaging for Windows 9x/Me/2000/XP**, explains how to send and receive SMS messages for Windows 9x/Me/2000/XP notebooks.

Appendix A, **Specifications**, provides technical specifications for the DPC.

Appendix B, **Hints and Tips**, gives tips for using the system efficiently.

Appendix C, **Troubleshooting**, gives advice for fixing the most common problems you may encounter using the DPC.

Appendix D, **ISP Resources**, lists some Internet Service Providers that you may want to choose from to use with your Digital Phone Card.

Appendix E, **Technical Support**, tells you how to reach Socket's technical support department.

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# Chapter 1 Introduction

## Overview

The Socket Digital Phone Card (DPC) allows you to connect your data-capable mobile phone to a Windows-based mobile computer. Now you can check email, browse the web, connect to your office network and synchronize files— **all wirelessly!**



When you use the Digital Phone Card, you don't need a modem, because your data-capable GSM phone simulates one. You can use the Digital Phone Card with any software program that you use with a regular modem.

The DPC fits directly into the CompactFlash I/O slot of a Windows Powered Pocket PC or Windows CE-based Palm-size PC, Handheld PC Pro or pen tablet.

With the included CompactFlash-to-PC Card adapter, you can also use the DPC in the PC Card slot of a Windows CE-based Handheld PC Pro or pen tablet or Windows 9x/Me/2000/XP notebook.

Your retail box may not completely list all the mobile phones compatible with your version of the DPC. For a complete, up-to-date listing, please visit: [www.socketcom.com/product/dpc.htm](http://www.socketcom.com/product/dpc.htm)

For software updates, please visit: [www.socketcom.com/product/dpc.htm](http://www.socketcom.com/product/dpc.htm)

To register the DPC online, visit: [www.socketcom.com/product/prodreg.htm](http://www.socketcom.com/product/prodreg.htm)

## Working Wirelessly with the DPC

You can use your mobile computer's remote communications capabilities to make your mobile phone work as a wireless modem.

### *Wireless Web Browsing*

If you have a web browser on your mobile computer (e.g., Pocket Internet Explorer, Netscape, etc.), you can use the DPC to browse the Internet anytime anywhere within your mobile phone's coverage area. Simply use the DPC to wirelessly connect to your office network or Internet Service Provider (ISP), open your web browser, then surf the Internet!

### ***Wireless Email***

You can set up your mobile computer's Inbox to directly access your IMAP4-enabled exchange server or ISP's POP3 user accounts. Also, if you have a web browser on your mobile computer, you can also use html-based email services.

### ***Wireless ActiveSync***

While running *ActiveSync* wirelessly with the DPC, your mobile computer works as if it were directly connected to a host computer. For information about *ActiveSync*, refer to your mobile computer's user manual.

## **Package Contents**

The **Socket Digital Phone Card for Pocket PCs** package includes:

- A Socket Digital Phone Card (CompactFlash card Type I) with permanently attached data cable, customized for specific GSM phones
- The *Socket Digital Phone Card Installation CD*
- The *Quick Start Guide for Digital Phone Card for Pocket PCs*
- A registration card



*Digital Phone Card*



*Installation CD*

The **Windows 9x/Me/2000 Upgrade Kit for the Digital Phone Card** includes these items:

- A CompactFlash-to-PC Card adapter
- The *Socket DPC Upgrade Kit Installation CD*
- The *Quick Start Guide for Digital Phone Card for Windows 9x/Me/2000/XP*
- A registration card



*PC Card adapter*



*Installation CD*

Register the DPC online at: [www.socketcom.com/product/prodreg.htm](http://www.socketcom.com/product/prodreg.htm)

## How to Use This User's Guide

Setting up the DPC begins the same for all Windows versions but ends differently.

To set up the DPC, begin in Chapter 2, "Preliminary Setup," which includes instructions for Steps 1-5 for all Windows versions. After completing the instructions in Chapter 2, proceed to the chapter for your specific Windows version to complete Steps 6-9.

For instructions on SMS messaging, refer to Chapter 4, "SMS Messaging for Windows CE," or Chapter 7, "SMS Messaging for Windows 9x/Me/2000/XP."

## Installation Steps Summary

### PRELIMINARY SETUP

- STEP 1: Register your card.
- STEP 2: Activate data service for your mobile phone.
- STEP 3: Uninstall old Socket DPC software.
- STEP 4: Complete the Network Information Form.

### CHAPTERS 3-4: WINDOWS CE

- STEP 5: Install the software.
- STEP 6: Insert the card and attach the phone.
- STEP 7: Set up remote networking.
- STEP 8: Make a data call.
- OPTIONAL: Use SMS messaging.

### CHAPTERS 5-7: WINDOWS 9x/Me/2000/XP

- STEP 5: Insert the installation CD.
- STEP 6: Insert the card and attach the phone.
- STEP 7: Install the software.
- STEP 8: Set up remote networking.
- STEP 9: Make a data call.
- OPTIONAL: Use SMS messaging.

Please note that the sequence for inserting the card and installing the software differs between Windows CE-based mobile computers and Windows notebooks.

## Chapter 2 Preliminary Setup

This section explains the first three steps of DPC setup, which are done similarly for all Windows versions. After performing the steps covered here, complete DPC setup by proceeding to Part II. Find the section for your specific Windows version.

The four steps covered in Part I include:

- Registering your card
- Activating data service for your mobile phone
- Network Information Form

### STEP 1: Register Your Card

Register your DPC online at [www.socketcom.com/product/prodreg.htm](http://www.socketcom.com/product/prodreg.htm).

You can also use the product registration form included in your DPC package.

### STEP 2: Activate Data Service for Your Phone

Some mobile phone carriers activate data service only when requested and may charge small fees. If necessary, ask your phone carrier for this feature.

***Important! If data service is not activated for your mobile phone, then you will not be able to use your phone for any data connections!***



### STEP 3: Uninstall Old Socket DPC Software

Delete any DPC software you may have previously installed on your mobile computer. See the README on the installation CD for uninstall procedures.



## STEP 4: Network Information Form

Contact your office network administrator or Internet Service Provider (ISP) for the information below. If you plan to use ISP services offered by your mobile phone carrier, contact your carrier.

For a text-only form that you can email, go to the *Docs* folder on the installation CD or visit: [www.socketcom.com/pdf/dpcform.txt](http://www.socketcom.com/pdf/dpcform.txt)

1. Please provide the following dial-up information:

Dial-up number: ( \_\_\_\_ ) \_\_\_\_\_

User name: \_\_\_\_\_

Password: \_\_\_\_\_

Domain: \_\_\_\_\_

2. Does the network support DHCP (Dynamic Host Configuration Protocol)? Most ISPs use DHCP.

☐ **YES.** If *Yes*, then STOP. You do NOT need to answer Question 3.

☐ **NO.** If *No*, then continue to Question 3. You may need only some of the IP addresses listed below.

3. Please specify any applicable IP addresses:

(a) Mobile Computer IP address: \_\_\_\_ . \_\_\_\_ . \_\_\_\_ . \_\_\_\_

(b) Subnet Mask: \_\_\_\_ . \_\_\_\_ . \_\_\_\_ . \_\_\_\_

(c) Default Gateway: \_\_\_\_ . \_\_\_\_ . \_\_\_\_ . \_\_\_\_

(d) Primary DNS: \_\_\_\_ . \_\_\_\_ . \_\_\_\_ . \_\_\_\_

(e) Secondary DNS: \_\_\_\_ . \_\_\_\_ . \_\_\_\_ . \_\_\_\_

(f) Primary WINS: \_\_\_\_ . \_\_\_\_ . \_\_\_\_ . \_\_\_\_

(g) Secondary WINS: \_\_\_\_ . \_\_\_\_ . \_\_\_\_ . \_\_\_\_

For remote ActiveSync only: If your server does NOT have WINS services enabled, you must use the IP address of your host computer instead of a Primary WINS address.

(h) Host computer IP address: \_\_\_\_ . \_\_\_\_ . \_\_\_\_ . \_\_\_\_

## Chapter 3 Windows CE Setup

This chapter explains the latter part of DPC setup for these Windows CE-based mobile computers:

- Windows CE v3.0: Windows Powered Pocket PC and HPC 2000
- Windows CE v2.11: Palm-size PC, Handheld PC and Handheld PC Pro



Before you start the steps in this chapter, be sure to complete the instructions in Chapter 2, “Preliminary Setup.”

***Warning! Pocket PCs are not the same as Palm-size PCs!***  
*For some steps, setup differs for the two mobile computers!*

Pocket PCs are based on Windows CE v3.0, while Palm-size PCs are based on Windows CE v2.11. If you are not sure whether you have a Pocket PC or Palm-size PC, you can find out by identifying what Windows CE version your mobile computer has. This is sometimes labeled as the Core System Version.

To determine the Windows CE version of your mobile computer, go to either:

- **Start | Settings | System**. On some mobile computers, you also need to click on the **About** icon.
- **Start | Settings | Control Panel | System**. In the **System Properties** screen, click on the **System** tab.

## STEP 5: Install the Software

Follow these steps for software installation BEFORE inserting the DPC:

1. Make an active partnership between the mobile computer and a host PC.



An active partnership exists if data can be transferred between the mobile computer and the host PC via the mobile computer's serial or USB connection cable or cradle.

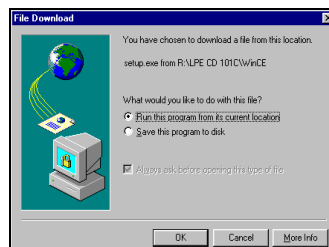
2. Insert the *Socket Digital Phone Card Installation CD* into the host PC.



3. IF YOUR DEFAULT WEB BROWSER IS INTERNET EXPLORER, you can install either the SETUP.HTM or SETUP.EXE:

- (a) Click **Start** then **Run** on the host PC.
- (b) Type **X:\SETUP.HTM** or **X:\SETUP.EXE**  
(Replace X with your CD drive letter.)
- (c) In the **File Download** screen, select the option that lets you run  
(or open) the file from its current location.

***IMPORTANT! YOU MUST RUN THE FILE! DO NOT SAVE IT!***



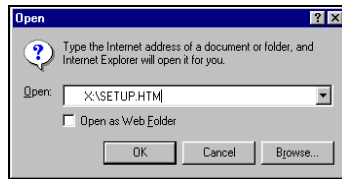
*File Download screen from Internet Explorer 5.5*

- (d) A **Security Warning** screen will appear. Click **Yes**.

IF YOUR DEFAULT WEB BROWSER IS NETSCAPE, DO NOT run the SETUP.HTM file on Netscape, because it will not work properly. Instead, choose either of two options:

OPTION ONE: RUN SETUP.HTM ON INTERNET EXPLORER

- (a) In the Internet Explorer screen, click **File | Open**.
- (b) In the **Open** screen, type **X:\SETUP.HTM**  
(Replace X with your CD drive letter.)



*Open screen from Internet Explorer 5.5*

- (c) Proceed with the instructions described on the previous page for Internet Explorer.

OPTION TWO: RUN THE SETUP.EXE FILE FROM THE PROPER WINDOWS FOLDER

Click on **My Computer** or use Windows Explorer to manually browse the CD to the WinCE (or other appropriate directory) and manually launch the **SETUP.EXE** file found there.

***Important! Be sure to choose the SETUP.EXE file, NOT the SETUP.HTM file. The two file types have different icons:***



*EXE icon*



*HTM icon for Netscape*

- 4. Follow the instructions on the host PC screen until setup is done.  
*Note: After completing setup, your host PC may display a screen reporting **Application Downloading Complete**. Click **ok**.*
- 5. On your mobile computer, a screen may appear asking you to select your GSM phone manufacturer. Make the appropriate selection, then tap **ok**.
- 6. Disconnect the mobile computer from the host computer.
- 7. Soft reset the mobile computer. Push the reset button, which may be on the back of your mobile computer.

## STEP 6: Insert the Card and Attach the Phone

With the mobile computer turned ON, insert the DPC into your mobile computer's card slot. If using a PC Card slot, insert the card into a CompactFlash-to-PC Card adapter first. Then attach the free end of the cable to your mobile phone.

*Plug the card  
into your mobile  
computer's card  
slot...*



*...Then  
attach  
cable to  
your mobile  
phone.*



## STEP 7: Set up Remote Networking

You will need your completed Network Information Form for this step.

### Remote Networking Setup for Pocket PCs



1. Go to **Start | Settings | Connections | Modem**.
2. The **Modem Connections** screen will appear. Tap **New Connection...**
3. In the **Make New Connection** screen, enter a name for the connection, such as "GSM Phone."

In the **Select a modem** field, select the **Socket DPC GSM Connection**.

Make sure the **Baud Rate** is set to **19200** bps.

A screenshot of the 'Settings' application in Windows CE, specifically the 'Make New Connection' dialog box. The title bar shows 'Settings' and the time '3:11p'. The dialog has a blue header with the title 'Make New Connection'. Below the header, there are three main sections: 'Enter a name for the connection:' with a text box containing 'GSM Phone'; 'Select a modem:' with a dropdown menu showing 'Socket DPC GSM Connection'; and 'Baud Rate:' with a dropdown menu showing '19200'. To the right of the Baud Rate dropdown is an 'Advanced...' button. At the bottom of the dialog are three buttons: 'Cancel', 'Back', and 'Next'.

*Make New Connection screen*

4. Tap on **Advanced...** Do NOT change the default settings in **Port Settings**.
  - If using DHCP, you can probably keep the default settings in the **TCP/IP** and **Name Servers** screens. Tap **ok**.
  - If NOT using DHCP, click on the **TCP/IP** and/or **Name Servers** tabs and follow your Network Information Form to enter any necessary IP addresses. When done, tap **ok**.
5. When you return to the **Make New Connection** screen, tap **Next**.
6. In the next screen, enter the dial-up number and tap **Next**. Spaces or dashes are not required within the phone number.
7. In the next screen, uncheck **Wait for dial tone before dialing**. Tap **Finish**.

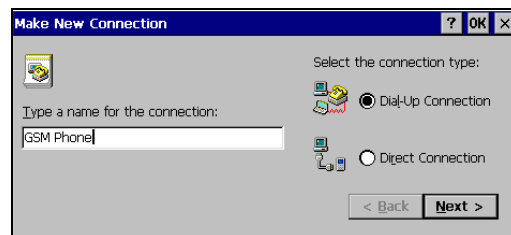
## Remote Networking Setup for Palm-size PCs, Handheld PCs, and Pen Tablets



1. Palm-size PC: Go to **Start | Programs | Communications | Connections | Make New Connection**.

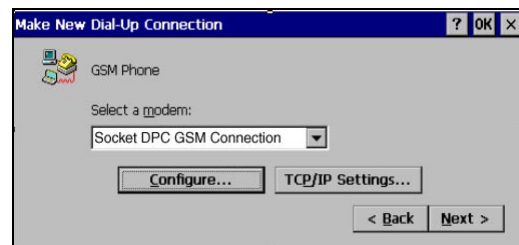
Handheld PC or pen tablet: Go to **Start | Programs | Communication | Remote Networking | Make New Connection**.

2. In the **Make New Connection** screen, enter a name for the connection, such as "GSM Phone." Select **Dial-Up Connection**, then tap **Next>**.



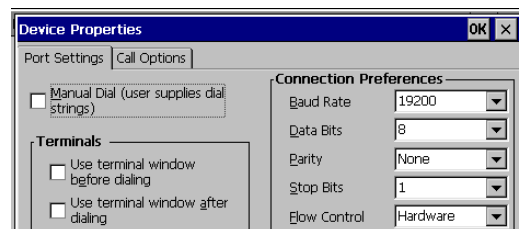
*Make New Connection screen from a Handheld PC*

3. The **Make New Dial-Up Connection** screen will appear. In the **Select a modem** menu, select the **Socket DPC GSM Connection** for your GSM phone. (For example, Ericsson is listed below.) Tap on **Configure...**



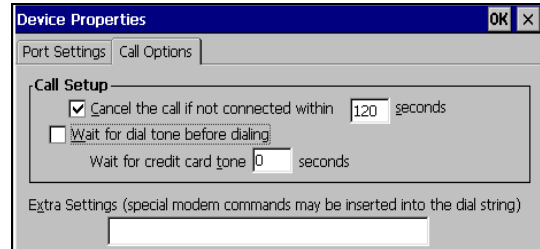
*Make New Dial-Up Connection screen from a Handheld PC*

4. In the **Port Settings** screen, make sure the Baud Rate is set to **19200**. Tap on the **Call Options** tab.



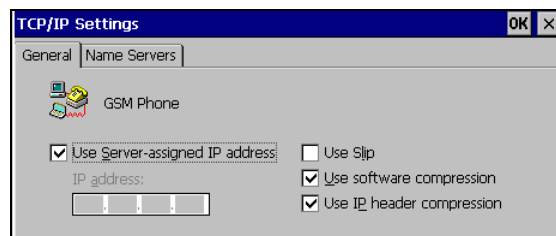
*Port Settings screen from a Handheld PC*

5. In **Call Options**, uncheck **Wait for dial tone before dialing**. Tap **OK**.



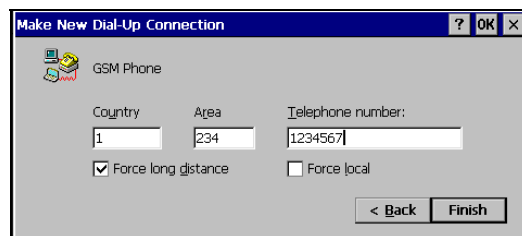
*Call Options screen from a Handheld PC*

6. In **Make New Dial-Up Connection**, tap on **TCP/IP Settings...**
7. In the **TCP/IP Settings** screen, follow your Network Information Form to enter settings appropriate to your office network or ISP.
  - If using DHCP, check **Use server-assigned IP address**. Tap **OK**.



*General TCP/IP screen from a Handheld PC*

- If NOT using DHCP, uncheck **Use server-assigned IP address**. Enter your mobile computer IP address in the **IP address** field, and tap on the **Name Servers** tab to enter DNS and/or WINS addresses. Tap **OK**.
8. In the **Make New Dial-Up Connection** screen, tap **Next>**.
  9. In the next screen, enter the phone number of your office network or ISP. Check **Force long distance**, then tap on the **Finish** button.



*Dial-Up Connection settings screen from a Handheld PC*



## STEP 8: Make a Data Call

### *Preliminary Checklist*

- ☐ Are the cable and connectors fastened securely to the mobile computer and phone?
- ☐ Is the phone receiving a digital signal? A **D** or equivalent will appear on the display of some phones.
- ☐ Is the mobile phone's signal strength sufficient? A minimum strength of two bars is recommended, but some phones can send data with one. For a better signal, raise the antenna, hold the phone upright, and/or relocate.
- ☐ Does your phone have enough battery power for your data call?
- ☐ Is the Socket GSM program closed? The Socket GSM program uses the same port needed for remote networking (e.g., making a data call).

### *Placing a Data Call*

1. Windows CE v3.0: Go to **Start | Programs | Connections**.  
Windows CE v2.11: Go to **Start | Programs | Communication**.  
On some mobile computers, you also need to tap **Remote Networking**.
2. Tap on the icon for the wireless connection you created in Step 6.



3. The **Connect To** screen will appear. Enter your **User name** and **Password**.  
Windows CE v3.0 only: In the **Dial from** field, select **Home**.



*Connect To screen from a Pocket PC*

4. (Optional) For convenience, you can check the **Save password** box, but your password will be saved only after you start the connection.
5. For some mobile computers, you need to modify the dial properties so the mobile computer can dial properly. For instructions, refer to the mobile computer's user manual.
6. Tap **Connect**. When your mobile computer starts calling, you should see the call status on both the mobile computer screen and phone display.



*Connect To screen from a Pocket PC*

7. When the mobile computer status screen reports that you have **Connected**, a connection icon will also appear in the task tray:



*Pocket PC icon*



*Handheld PC icon*

### ***Ending a Data Call***

1. Windows CE v3.0 only: Go to **Start | Today**.
2. Tap on the connection icon in the task tray, shown above.
3. In the status screen that appears, tap **Disconnect**. The task tray icon will disappear, and your mobile phone will hang up.



*Connection status screen from a Pocket PC*

## Chapter 4 SMS Messaging for Windows CE

The GSM version of the Digital Phone Card includes software for SMS messaging.

Socket's SMS program includes two folders: the SMS folder and the Phonebook folder. The SMS folder is for creating, modifying, and storing messages, while the Phonebook folder is for creating, modifying, and storing contact information, including information on your phone's SIM card.

This section primarily shows Pocket PC screens. Except where noted, screens from other device types are functionally equivalent.

### *Preliminary Checklist*

- ☐ Is your mobile phone turned ON?
- ☐ Is SMS service activated for your phone? Most carriers charge an extra fee for SMS service.
- ☐ Has all remote networking connections on the mobile computer ended? Remote networking uses the same port needed for Socket GSM software.

### *Launch the program*

2. Go to **Start | Programs | Socket GSM**.  
Any Handheld device: For a shortcut, you can tap on the **Socket GSM** icon on the desktop.



Socket GSM

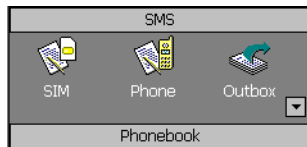
3. When the program launches, a title screen will appear, reporting your mobile phone's status on the bottom. Your phone display may also display a message such as "Accessory Connected."



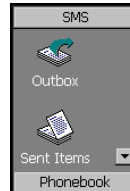
If your phone is not ready, you will not be able to send any SMS messages. Refer to Appendix D, "Troubleshooting" section.

### Create a SMS message from the SMS folder

1. Make sure the SMS folder is open. The **Phonebook** button will be below the icons. If you would like to send a message to someone in your **SIM**, **Phone** or other folder, tap on the icon for that folder.



Pocket PC



Handheld PC

2. Tap on **File**. In the pop-up menu, select **New SMS**.

You can also start a New SMS by using these shortcuts:

- Pocket PC/Palm-size PC: Tap and hold your stylus in the large white area below the **Number** and **Message** bar. In the pop-up menu that appears below your stylus, select **New SMS**.
- Any Handheld: Tap on the New SMS icon:

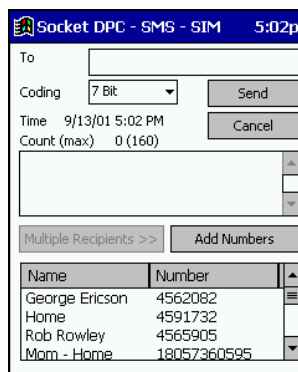


3. In the next screen, in the **To** field, enter the recipient's SMS number (mobile phone number). The plus sign "+" must precede each number.

Or, if you would like to send a message to recipient(s) listed in the currently open SMS folder, (e.g., **SIM**), tap on **Multiple Recipients**.

In the list that appears below, select a recipient. Make sure the SMS number begins with the plus sign "+", then tap **Add Numbers**. The recipient will appear in the **To** field. Repeat to add other recipients.

**IMPORTANT! EACH SMS NUMBER MUST BEGIN WITH "+"**



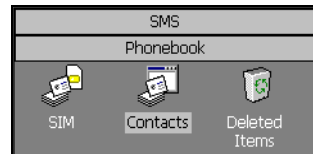
4. Select the **Coding** system compatible for your keyboard (e.g., **7 Bit** for normal text, **8 Bit** for special characters or **UCS2** for Chinese characters).

*Note: The maximum possible length of your message depends on what coding system you use. Normal text messages with 7 Bit coding can hold up to 160 characters (a space counts as a character).*

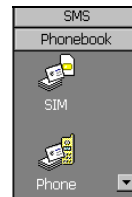
In the large field, enter a message, noting the character **Count**. Tap **Send**.

#### ***Make a Phonebook Entry***

7. Make sure the Phonebook is open. Tap on the **Phonebook** button. The **Phonebook** button should move above the icons.



*Pocket PC*



*Handheld PC*


8. Tap on the **SIM** or **Phone** icon, wherever you want to store the new Phonebook entry. If you create a new Phonebook archive (explained later), you can also store the entry there.

**SIM** contains contact information stored on your mobile phone's SIM card, while **Phone** contains contact information stored directly on your mobile phone (only certain phones can do this). Using the Phonebook is an easy way to enter contacts into your SIM card or phone (rather than using phone buttons).

**Contacts** contains contact information stored on the mobile computer. You cannot use the Phonebook to add information to **Contacts**.

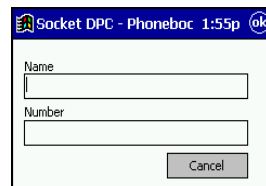
9. Tap **File | New Phonebook Entry**.

You can also start a New SMS by using these shortcuts:

- Pocket PC/Palm-size PC: Tap and hold your stylus. In the pop-up menu, select **New Phonebook Entry**.
- Any Handheld: Tap on the New Phonebook Entry icon: 

10. In the next screen, enter a **Name** and **Number**. Tap **ok**.

***IMPORTANT! THE NUMBER MUST BEGIN WITH “+”***



### *Create a SMS Message from the Phonebook*

1. Make sure the Phonebook is open. Tap on the **Phonebook** button.
2. Tap on SIM, Phone, or Contacts, wherever you stored the entry you wish to access.
3. In the next screen, select the entry, then tap **File | New SMS**.

You can also use these shortcuts:

- Pocket PC/Palm-size PC: Tap the entry to select it, then hold your stylus there. In the pop-up menu, select **New SMS**.
  - Any Handheld device: Select the entry, then tap on the **New SMS** icon.
4. Complete the remaining steps as described in *Creating an SMS Message from the SMS Folder*. However, the SMS number should automatically appear in the **To** field. Make sure the SMS number begins with the “+” symbol.

### *Archive a Message*

1. Make sure the SMS folder is open. Tap on the **SMS** button. The **Phonebook** button should move below the icons.
2. Tap on **SIM, Phone** or **Sent Items**, wherever the message you wish to archive is currently located.
3. Select the message.



4. Tap **Edit**. In the pop-up menu, select **Cut** or **Copy**.

You can also use these shortcuts:

- Pocket PC/Palm-size PC: Tap and hold your stylus. In the pop-up menu, select **Cut** or **Copy**.
- Any Handheld: Tap on the Cut or Copy icon:



5. Tap on the icon for the archive you wish to store the message in.
6. Tap **Edit | Paste**.

You can also use these shortcuts:

- Pocket PC/Palm-size PC: Tap and hold your stylus. In the pop-up menu, select **Paste**.
- Any Handheld: Tap on the Paste icon:



## Chapter 5 Windows 9x/Me Setup

This section covers the latter part of the setup for Windows 9x/Me. For Steps 1-4, refer to Chapter 2, “Preliminary Setup.”

### STEP 5: Insert the Installation CD

Insert the installation CD into the CD drive of your notebook computer.



### STEP 6: Insert the Card and Attach the Phone

1. Plug the DPC into the PC Card adapter, with the purple label on top. Do NOT insert the DPC upside down, or damage may occur.



*Insert the DPC into the adapter with the card's colorful label on top.*

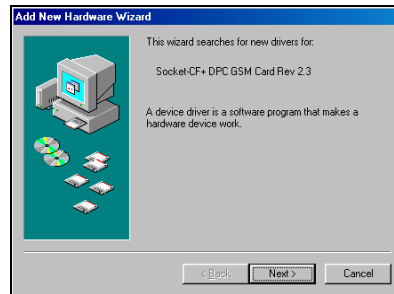
2. With the notebook computer turned ON, insert the combined unit into the PC Card slot. Windows notebooks in most cases will signal that the DPC has been properly inserted via a beep, task tray icon and/or message screen.
3. Connect the free end of the data cable to the data part of the mobile phone. The data port is typically on the bottom or side of the mobile phone and usually is the same port used to charge the phone.



## STEP 7: Install the Software

After inserting the DPC, complete these steps for software installation:

1. The first time you insert the DPC, a new hardware or device driver wizard will appear.



*Add New Hardware Wizard from Windows 98*

2. Follow the wizard to install the DPC drivers, inserting the installation CD and making the appropriate selection below as prompted:
  - a. Windows 95 — Select **Other locations** and specify your CD drive.
  - b. Windows 98 — Select **Search for the best driver for your device**. In the next screen, select **CD-ROM drive**.



*Add New Hardware Wizard from Windows 98*

- c. Windows Me — Select **Specify the location of the driver**. In the next screen, select **Search for a suitable driver for my device**, and check **Removable Media**.

**Important! For Windows Me, DO NOT select Automatic search for a new driver!**

3. Follow the remaining instructions until installation is complete.



## STEP 8: Set up Remote Networking

You will need your completed Network Information Form for this step.

1. Windows 9x: Go to **My Computer | Dial-Up Networking | Make New Connection**.

*Note: For some Windows 98 versions, a **Welcome to Dial-Up Networking** screen will appear instead of **Make New Connection**. Click **Next>**.*

Windows Me: Go to **My Computer | Control Panel | Dial-Up Networking | Make New Connection**.

2. In the top field, enter a name for your wireless connection, such as “GSM Phone.” Select **Socket GSM Modem** from the modem list. Click **Next>**.



*Make New Connection screen from Windows 98*

3. In the next screen, enter your network’s dial-up number. Click **Next>**.
4. The next screen will report that you have successfully created the connection. Click **Finish**.
  - If using DHCP, you are ready to use your connection. Restart your machine, then go ahead and make a data call.
  - If NOT using DHCP, then you must modify your connection’s properties to enter any necessary IP addresses.
5. To modify the connection’s properties, in the **Dial-Up Networking** screen, right-click on the icon for your wireless connection. Select **Properties**.
6. Windows 9x: Click on **Server Types**.  
Windows Me: Click on the **Networking** tab.
7. Using your Network Information Form, enter any necessary settings. To modify IP, DNS, and/or WINS addresses, click on **TCP/IP Settings...**
8. In the **TCP/IP Settings** screen, enter any necessary settings. Click **OK**.
9. You should return to the main connection properties screen. Click **OK**.
10. Restart your machine to make sure the changes take effect.

## STEP 9: Make a Data Call

### *Preliminary Checklist*

- ☐ Are the cable and connectors fastened securely to the mobile computer and phone?
- ☐ Is the phone receiving a digital signal? A **D** or equivalent will appear on the display of some phones.
- ☐ Is the mobile phone's signal strength sufficient? A minimum strength of two bars is recommended, but some phones can send data with one. For a better signal, raise the antenna, hold the phone upright, and/or relocate.
- ☐ Does your phone have enough battery power for your data call?
- ☐ Is the Socket GSM program closed? The Socket GSM program uses the same port needed for remote networking, (e.g., making a data call).

### *Placing a Data Call*

1. Windows 9x: Go to **My Computer | Dial-Up Networking**.  
Windows Me: Go to **My Computer | Control Panel | Dial-Up Networking**.
2. Double-click on your wireless connection.
3. Enter the **User Name** and **Password**. Verify the number and location and click **Connect**.



*Connect To screen from Windows 98*

*Note: If you select the **Save password** option, the information will be saved only after you click **Connect**.*

4. When the computer starts calling, you should see the call status on both the computer screen and phone display.
5. When connected, the status screen will report that you are successfully connected, and a connection icon will appear in the task tray.



*Connection icon*

### *Ending a Data Call*

1. Double-click on the connection icon in the task tray, shown above.
2. In the connection status screen, click **Disconnect**. The icon will disappear from the task tray, and the mobile phone will hang up.

## Chapter 6 Windows 2000/XP Setup

This section covers the latter part of the setup for Windows 2000/XP. For Steps 1-4, refer Chapter 2, “Preliminary Setup.”

### STEP 5: Insert the Installation CD

Insert the installation CD into the CD drive of your notebook computer.



### STEP 6: Insert the Card and Attach the Phone

1. Plug the DPC into the PC Card adapter, with the purple label on top.  
Do NOT insert the DPC upside down, or damage may occur.



*Insert the DPC  
into the adapter  
with the card's  
colorful label  
on top.*

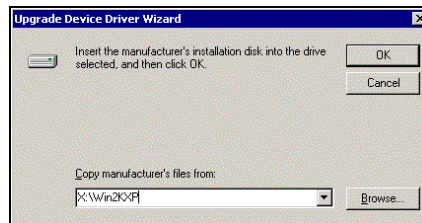
2. With the notebook computer turned ON, insert the combined unit into the PC Card slot. Windows notebooks in most cases will signal that the DPC has been properly inserted via a beep, task tray icon and/or message screen.
3. Connect the free end of the data cable to the data part of the mobile phone. The data port is typically on the bottom or side of the mobile phone and usually is the same port used to charge the phone.



## STEP 7: Install the Software

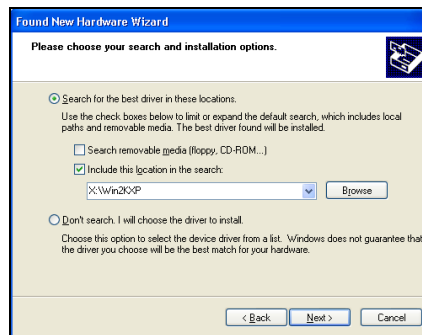
After inserting the installation CD and the DPC, complete these steps for software installation:

1. The first time you insert the DPC, a device driver or new hardware wizard will appear. Click **Next>**.
2. Follow the wizard to install the DPC drivers, making the appropriate selection below as prompted:
  - a. Windows 2000 — Select **Search for a suitable driver for my device**. In the next screen, select **Specify a location**. Browse your CD drive for the **Windows2KXP** folder.



*Upgrade Device Driver Wizard from Windows 2000*

- b. Windows XP — Select **Install from a list or specific location** and browse your CD drive for the **Windows2KXP** folder.



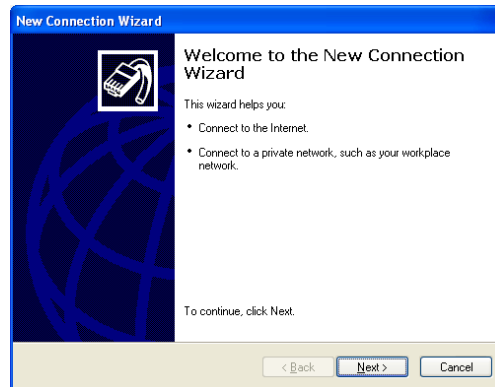
*Found New Hardware Wizard from Windows XP*

*Note: Windows may report that the product has not passed Windows logo testing to verify compatibility with Windows XP. Ignore and click **Continue Anyway**.*

3. Follow the remaining instructions until installation is complete.

## STEP 8: Set up Remote Networking

1. Windows 2000 — Go to **My Computer | Control Panel | Network and Dial-up Connections | Make New Connection**.  
Windows XP — Go to **Start | Control Panel | Network Connections | Create a new connection**.
2. A connection wizard will appear. Click **Next>**.



*New Connection Wizard from Windows XP*

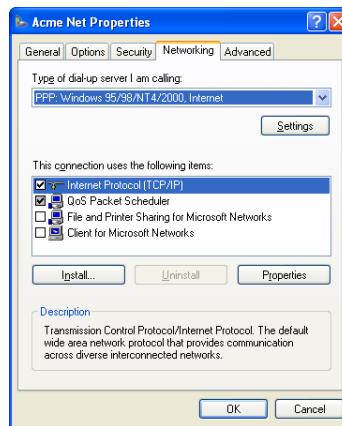
3. Follow the wizard to set up a new network connection, making the following selections as prompted:
  - (a) Windows 2000 —
    - **Network Connection Type:** Select **Dial-up to the Internet**
    - **Select a Device:** Select **Socket GSM Modem**.
  - (b) Windows XP —
    - **Network Connection Type:** Select **Connect to the Internet**
    - **Getting Ready:** Select **Set up my connection manually**
    - **Internet Connection:** Select **Connect using a dial-up modem**
    - **Select a Device:** Select **Socket GSM Modem**.
4. After completing the wizard, in most cases, your connection is now ready, and you are ready to dial. However, if you have special TCP/IP settings to enter, you still need to configure your connection for these settings.
5. To configure your connection for TCP/IP settings, complete the following:

## Entering TCP/IP Settings

1. Windows 2000 — After completing the wizard, you will return to the **Network and Dial-up Connections** screen. Right-click on the icon for your new connection. In the pop-up menu, select **Properties**.

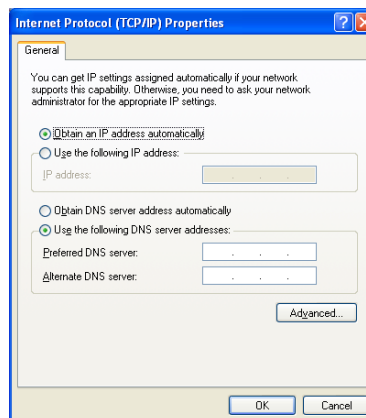
Windows XP — After completing the wizard, the **Connect** screen will appear for your new connection. Click on **Properties**.

2. In the connection properties screen, click on the **Networking** tab.  
To enter TCP/IP settings, check **Internet Protocol** and click on **Properties**.



*Networking screen from Windows XP*

3. In the **Internet Protocol Properties** screen, enter any necessary IP addresses. If needed, click on the **Advanced** button to enter DNS, WINS or other settings.



*Internet Protocol Properties screen from Windows XP*

4. When done entering your settings, click **OK**. Restart your computer to make sure the changes take effect.

## STEP 9: Make a Data Call

### *Preliminary Checklist*

- ☐ Is the DPC properly inserted into the mobile computer and connected securely to the phone?
- ☐ Is the phone receiving a digital signal? A **D** or equivalent will appear on the display of some phones.
- ☐ Is the mobile phone's signal strength sufficient? A minimum strength of two bars is recommended, but some phones can send data with one. For a better signal, raise the antenna, hold the phone upright, and/or relocate.
- ☐ Does your phone have enough battery power for your data call?

### *Placing a Data Call*

1. Windows 2000 — Go to **My Computer | Control Panel | Network and Dial-up Connections**. Double-click on the connection you just configured.

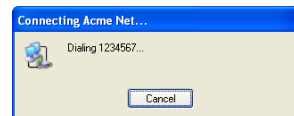
Windows XP — Go to **Start | Control Panel | Network Connections**. Double-click on the connection you just configured.

2. Make sure the correct **User Name** and **Password** are entered. Verify the other dialing information, and click **Dial**.

*Note: If you select the **Save password** option, the information will be saved only after you click **Dial**.*



Connect screen (Windows XP)



Dialing status screen (Windows XP)

3. When the computer starts calling, you should see the call status on both the computer screen and phone display.
4. When connected, the status screen will report that you are successfully connected, and a connection icon will appear in the task tray.



### *Ending a Data Call*

Double-click on the connection icon in the task tray. In the status screen, click **Disconnect**. The icon will disappear, and your phone will hang up.



# Chapter 7 SMS Messaging for Windows 9x/Me/2000/XP

The GSM version of the Digital Phone Card includes software for SMS messaging.

Socket's SMS program includes two folders: the SMS folder and the Phonebook folder. The SMS folder is for creating, modifying, and storing messages, while the Phonebook is for creating, modifying, and storing contact information, including information on your phone's SIM card.

This section primarily shows Windows 98 screens. Except where noted, screens from Windows 95/Me/2000/XP are functionally equivalent.

## *Preliminary Checklist*

- ☐ Is your mobile phone turned ON?
- ☐ Is SMS service activated for your phone? Most carriers charge an extra fee for SMS service.
- ☐ Have all remote networking connections on the mobile computer ended? Remote networking uses the same port needed by Socket GSM software.

## *Launch the program*

1. Go to **Start | Programs | Socket GSM**.



*Program icon*

2. When the program launches, a title screen will appear, reporting your mobile phone's status on the bottom.

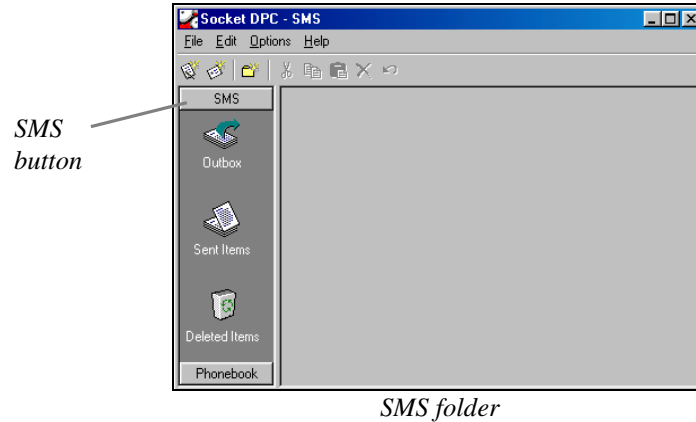



*Title screen*

If your phone is not ready, you will not be able to send any SMS messages. Refer to the "Troubleshooting" section in the *User's Guide* on the installation CD for help.

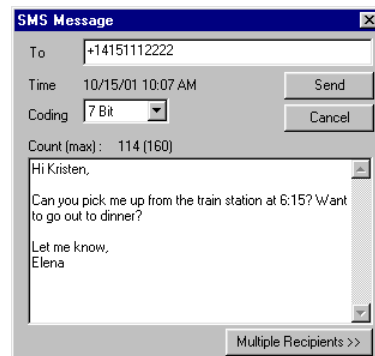
**Create a SMS message without accessing the Phonebook**

1. Make sure the SMS folder is open. To open it, click on the **SMS** button. When the SMS folder is open, the **Phonebook** button will be at the bottom of the screen, and the title bar will say **Socket DPC – SMS**.



2. Click on the New SMS icon: . Or go to **File | New SMS**.
3. In the next screen, in the **To** field, enter the recipient's SMS number (mobile phone number).

**IMPORTANT! THE SMS NUMBER MUST BEGIN WITH “+”**



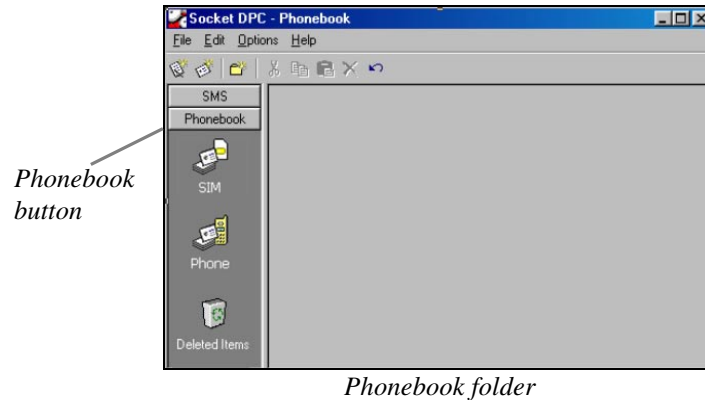
Select the **Coding** system compatible for your keyboard (e.g., **7 Bit** for normal text, **8 Bit** for special characters or **UCS2** for Chinese characters).

*Note: 7Bit messages can hold 160 characters, 8Bit messages can hold 140, and UCS2 messages can hold 70. A space counts as a character.*

In the main field, enter a message. Note the character **Count**. Click **Send**.


### ***Make a Phonebook Entry***

1. Make sure the Phonebook is open. To open it, click on the **Phonebook** button. The **Phonebook** button should move right below the **SMS** button, and the title bar will say **Socket DPC - Phonebook**.



2. Select **SIM** or **Phone**, wherever you want to store the new Phonebook entry. If you create a new Phonebook archive (explained later), you can also store the entry there.

**SIM** contains contact information stored on your mobile phone's SIM card, while **Phone** contains contact information stored directly on your mobile phone (only certain phones can do this). Using the Phonebook is an easy way to enter contacts into your SIM card or phone (rather than using phone buttons).

3. Click on the New Phonebook Entry icon:   
Or go to **File | New Phonebook Entry**.
4. In the next screen, enter a **Name** and **Number**. Click **OK**.

***IMPORTANT! THE NUMBER MUST BEGIN WITH “+”***

**Phonebook Entry**

Name: Judith Martinez

Number: +14151234567

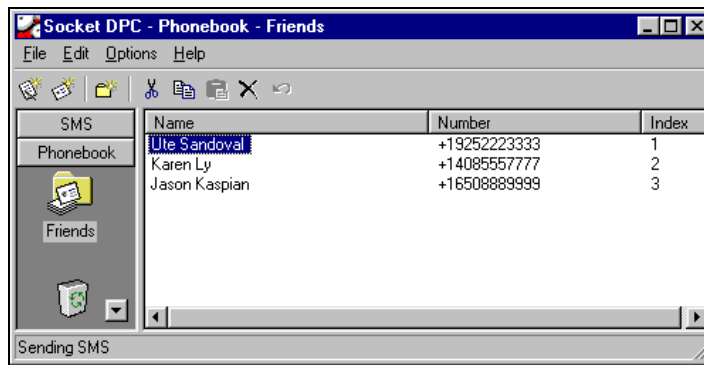
OK Cancel

*Phonebook Entry screen*


### *Create a SMS Message by Accessing a Phonebook Entry*

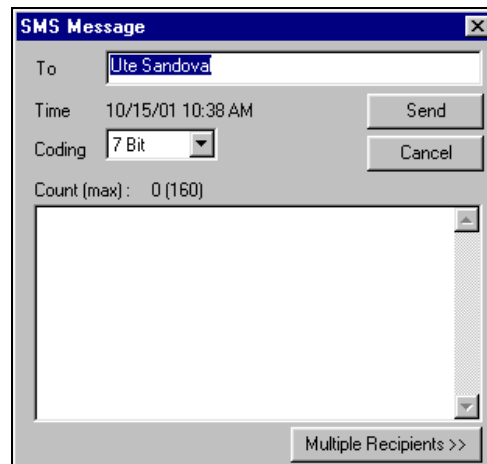
1. Make sure the Phonebook is open. Click on the **Phonebook** button.
2. Select **SIM**, **Phone**, **Contacts**, or wherever else you stored the entry you wish to access.
3. In the next screen, select the entry. Click once on the recipient's name.

***IMPORTANT! Make sure the SMS number begins with “+”!!!***



*Phonebook SIM folder*

4. Click on the New SMS icon:  Or go to **File | New SMS**.
5. In the next screen, in the **To** field, the recipient's name should automatically be entered.



*SMS Message screen*

6. To send the message to other recipients in your phonebook, click on **Multiple Recipients**. From the contact list, click on the name(s) of each additional recipient, then click on **Add numbers**. The name of each new recipient will be added to the **To** field.

The screenshot shows the 'SMS Message' dialog box. The 'To' field contains 'Ute Sandoval'. The 'Time' is '10/15/01 10:46 AM'. The 'Coding' is set to '7 Bit'. The 'Count (max)' is '0 (160)'. The 'Send' and 'Cancel' buttons are visible. On the right, there is a table with two columns: 'Name' and 'Number'. The table contains two entries: 'Karen Ly' with number '+14085557777' and 'Jason Kaspian' with number '+16508889999'. At the bottom, there are two buttons: 'Multiple Recipients >>' and 'Add numbers'.

Name	Number
Karen Ly	+14085557777
Jason Kaspian	+16508889999

*SMS Message screen for multiple recipients*

7. Select the coding, and enter a message. Click **Send**.

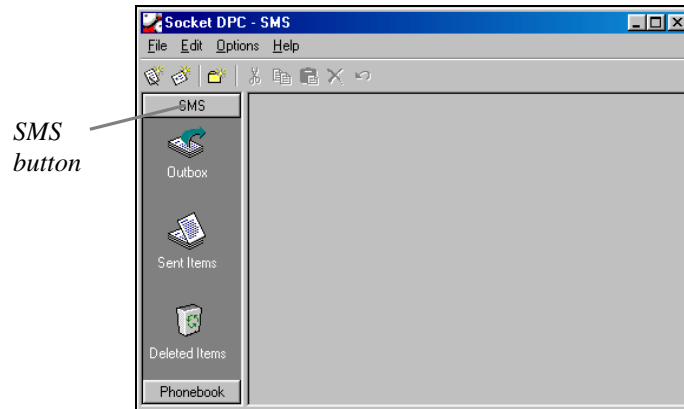
The screenshot shows the 'SMS Message' dialog box after several changes. The 'To' field now contains 'Ute Sandoval;Karen Ly;Jason Kaspian'. The 'Time' is '10/15/01 11:09 AM'. The 'Coding' is still '7 Bit'. The 'Count (max)' is now '113 (160)'. The message text area contains the text: 'Hi guys, just found out that Gino's is closed today. How about we meet at Rubicon instead? Let me know. Sheila'. The 'Send' and 'Cancel' buttons are visible. On the right, the table is the same as in the previous screenshot. At the bottom, there are two buttons: 'Multiple Recipients >>' and 'Add numbers'.

Name	Number
Karen Ly	+14085557777
Jason Kaspian	+16508889999

*SMS Message screen for multiple recipients*

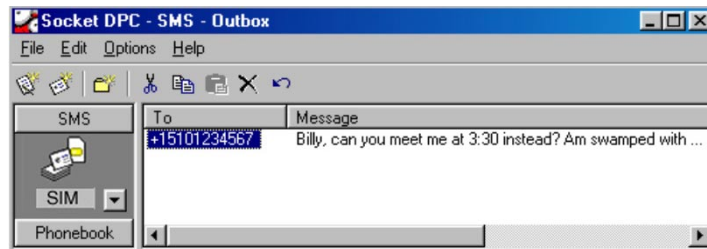
### *Archive a Message*

1. Make sure the SMS folder is open. To open it, click on the **SMS** button.  
The **Phonebook** button will move to the bottom of the screen.



*SMS folder*

2. Select **SIM**, **Phone** or **Sent Items**, wherever the message you wish to archive is currently located.
3. Select the message. Click once on the SMS number.



*SMS SIM folder*

4. Click on the Cut or Copy button:  
Or go to **Edit | Cut** or **Copy**.



5. Double-click on the archive you wish to store the message in:



6. Click on the Paste button:



Or go to **Edit | Paste**.

# Appendix A Specifications

## *Physical Characteristics:*

**CF Card Size:** 1.43 x 1.69 x 0.13 in (36.4 x 42.8 x 3.3 mm)

**Interconnect Cable Length:** 22 in (559 mm)

## *Power Consumption:*

**Standby:** 0 mA (0 mW)

**Typical:** 3 mA (10 mW)

## *Interface Standards:*

**CompactFlash Interface:** CompactFlash CF, Type I

**With PC Card Adapter:** PCMCIA, Type II

**Serial Communications:** TTL

**Baud rate:** Up to 115.2 Kbps

## *GSM Network:*

**Typical Data Rate Throughput:** 9600 kbps

## *Operating System Support:*

Windows CE (v2.11 or greater)

Windows 9x/Me/2000/XP (with Upgrade Kit)

## *GSM Handsets Supported:*

For a complete, up-to-date list of GSM handsets supported, please visit:

[www.socketcom.com/product/dpc.htm](http://www.socketcom.com/product/dpc.htm)

**Software Compatibility:** Windows COM port

## *Hardware Compatibility:*

### **Standard Card (without PC Card adapter):**

All Windows Powered Pocket PCs. All Windows CE-based Palm-size PCs including devices from Casio, Compaq, and HP. All Windows CE-based Handheld PC Pro devices with CompactFlash I/O slot.

### **With PC Card adapter:**

All Windows CE Handheld PC Pros. All Windows 9x/Me/2000/XP notebooks.

## *Software Included:*

GSM software modem, SMS messaging, and Phonebook management.

***Compatible Applications:***

Windows Remote Dialup, ActiveSync, Pocket Outlook, Acrobat Reader, AOL Mail Client, EZOS WAP Browser, MSN Mail Client, PacketVideo Player, movianVPN, FTP, Telnet, AvantGO, Citrix, pcANYWHERE, streaming video, etc.

***Warranty:***

**CompactFlash Card and Non-removable Cable:** Lifetime (Three years if not registered)

To register your product online, visit: [www.socketcom.com/prodreg.html](http://www.socketcom.com/prodreg.html)

***Certification:***

FCC: Part 15, Class B, CE: EN55024:1998, C-TICK s.182



# Appendix B Hints and Tips

## Optimizing Signals and Connections

For best results, follow these guidelines before connecting for a data call:

1. Make sure the cable and connectors are fastened securely to your mobile computer and your phone.
2. Make sure the phone is receiving a digital signal. A **D** or equivalent will appear on the display of some phones.
3. Make sure the signal strength is sufficient. A minimum signal strength of two bars is recommended, although some phones may successfully transfer data with only one. To optimize the signal, extend the antenna, position the phone upright and, if necessary, move to a different location.
4. Make sure your phone has enough battery power for your data call.

## Choosing the Right Applications

Not all applications are ideal for wireless networking. For example, it takes longer to download a large file wirelessly than it does over a landline phone line with a regular modem. Experiment with your applications to find out which work best wirelessly.

## Using Multiple Modems

Pocket PCs and other Windows CE-based devices can support multiple modems, but each modem needs a separate dial-up connection. When making a data call, be sure to choose the connection for the modem in use.

To make multiple dial-up connections, follow the steps outlined in the “Setting up Remote Networking” section for your device, but include the following modifications:

1. In the **Make New Connection** screen, when naming connections, select names that clearly distinguish the modem in use, such as "Internet Service Provider-Wireless" and "Internet Service Provider-Landline."
2. In the **Select a modem** box, choose **Socket DPC Connection** for a wireless connection. Choose your existing modem for a landline connection.

For other applications, such as faxing, refer to your fax program's user documentation on using multiple modems or changing between modems.

## Appendix C Troubleshooting

### SYMPTOM:

**My computer ...**

**... does not recognize my GSM phone [modem].**

**... does not respond to AT commands.**

**... cannot place a call.**

POSSIBLE REASONS	SOLUTION
Your GSM phone is turned off.	Turn on your GSM phone.
Your phone is not communicating properly with your computer.	Turn your GSM phone off, then turn it on again.
The data cable is loose or detached.	Make sure you are using the right data cable and securely fasten it.
Other software is using the COM port.	Deactivate the software using the COM port. <i>ActiveSync</i> and <i>HotSync</i> usually use the COM port.
Your software is set up to use a modem other than the GSM phone.	Configure your software for the GSM phone as its modem.
Your fax software is set to Auto Answer and uses the COM port.	Disable the Auto Answer feature on your fax software.

### SYMPTOM:

**My call fails immediately.**

**OR**

**I get a message like *CALL FAILED* on my phone.**

POSSIBLE REASONS	SOLUTION
The phone battery died.	Recharge or replace the battery.
Temporary network anomaly.	Call again. <i>CALL FAILED</i> usually disappears after a second try. If it doesn't, turn your phone off, then on again. If the problem persists, your GSM service may be down.

### SYMPTOM:

**I get a message like *NO NETWORK* on my phone.**

POSSIBLE REASONS	SOLUTION
You left the GSM coverage area during the call.	Raise the phone antenna. If you still don't get digital coverage, return to the coverage area to call.

**SYMPTOM:****My computer dials but cannot connect.**

POSSIBLE REASONS	SOLUTION
Your software is set up for a modem other than the GSM phone.	Configure your software for your GSM phone as the modem.
You are dialing the wrong number.	Check the number, including the area code. Verify the number with your Internet Service Provider or corporate network support.
The number you are dialing is long distance.	Check the area code of the number you are dialing. You may need to add a 1 for long distance.
The modem you are calling is out of service.	Contact your ISP or office network support to verify the status of their server and modems.
You have left the GSM coverage area.	Raise the phone antenna and check the display. If digital coverage is still not accessible, return to the coverage area to place your call..
Your user name and/or password are incorrect.	Enter the correct information.

**SYMPTOM:****My phone shows that the call connected, but my communications software does not.**

POSSIBLE REASONS	SOLUTION
The call took so long to connect that the software timed out.	Increase your software's time-out interval and try calling again.

**SYMPTOM:****My communications software shows that the call is connected, but my phone does not.**

POSSIBLE REASONS	SOLUTION
Your call was dropped, but your software is still waiting to connect.	Cancel the call from your software and try again.

**SYMPTOM:**

I get a message like *NETWORK NOT RESPONDING* or *CHECK OPERATOR SERVICES* on my phone.

POSSIBLE REASON	SOLUTION
The GSM account needs updating.	Call your GSM service provider.

**SYMPTOM:**

I get disconnected in mid-session.

POSSIBLE REASONS	SOLUTION
The GSM signal has faded, or you have left the GSM coverage area.	Raise the phone antenna. If you still don't get digital coverage, return to the coverage area to call
Your phone battery died.	Recharge or replace the battery.
The data cable is loose or detached.	Securely fasten the data cable.
The modem you are calling is out of service.	Contact your Internet Service Provider or corporate network support to verify the status of their server and modems.
Your call was dropped.	Try the call again.
You were automatically disconnected due to inactivity.	Some software will end a call after some inactivity. Disable or change the automatic disconnect feature.

**SYMPTOM:**

I cannot configure SMS Services.

POSSIBLE REASONS	SOLUTION
You are in the middle of an active data call.	End the data call and try configuring again.

**SYMPTOM:**

When I try to send an SMS message, *NO MATCHING ENTRY WAS FOUND* for the number.

POSSIBLE REASONS	SOLUTION
Your SMS number is not in the contact list.	In <b>Inbox</b> , go to <b>Services, Options</b> , then tap on the <b>Address</b> tab. In the <b>In Contacts</b> , get addresses from: drop list, select <b>None</b> , then tap <b>OK</b> .

**SYMPTOM:**

**The data is transmitting slowly.**

POSSIBLE REASONS	SOLUTION
The network has a maximum connection speed of 9600 bps.	For advice on efficient usage, visit: <a href="http://www.DigitalPhoneCard.com">www.DigitalPhoneCard.com</a>
Due to heavy loads, dial-in or web servers are responding slowly.	Connect another time, when your office network or ISP is less busy.

**SYMPTOM:**

**I cannot receive voice calls.**

POSSIBLE REASONS	SOLUTION
Your GSM phone is set up to receive data or fax calls only.	Follow the instructions that came with your phone to set up for voice calls. You can usually do this through the phone menu.

**SYMPTOM:**

**I cannot receive fax calls.**

POSSIBLE REASONS	SOLUTION
The phone is not set up to receive fax calls.	Follow the instructions that came with your phone to set up for fax calls. You can usually do this through the phone menu.
Your fax software is not answering in time.	Set your software to answer after fewer rings, preferably 0. Consult the software user manual for help.

**SYMPTOM:**

**I cannot receive data calls.**

POSSIBLE REASONS	SOLUTION
The phone is not set up to receive data calls.	Follow the instructions that came with your phone to set up for data calls. You can usually do this through the phone menu.
Your communications software is not answering in time.	Set your software to answer after fewer rings, preferably 0. Consult the software's user manual for help.

**SYMPTOM:****I cannot access my email.****OR****I cannot use my web browser.**

POSSIBLE REASONS	SOLUTION
You are not connected to your corporate network or ISP.	Connect again.
Your dial-up networking settings are incorrect.	Reconfigure the connection with the correct settings for your office network or ISP.
Your user name(s) and/or password(s) for your services are incorrect.	Enter the correct information for all services, including email, NT servers and proxy servers.

## Appendix D ISP Resources

Here are a few Internet Service Providers (ISPs) that are known to work with the Pocket PC and other Windows CE-based devices. The information in this listing is subject to change without notice.

For the most accurate, up-to-date information on connecting to a specific ISP with a Pocket PC, please contact the ISP directly or go visit:

<http://www.pocketpc.com>

<b><u>Name of ISP</u></b>	<b><u>ISP Settings for Windows CE</u></b>
Advanced Systems Network <a href="http://www.as.net/">http://www.as.net/</a>	DNS: 205.167.153.4 Alt DNS: 205.167.153.2 POP3 server: pop3.as.net SMTP mail host: smtp.as.net
Alternate Access <a href="http://www.aa.net">http://www.aa.net</a>	DNS: Server Alt DNS: Server POP3 server: mail.aa.net SMTP mail host: mail.aa.net
AT&T WorldNet Service <a href="http://www.att.com/worldnet/">http://www.att.com/worldnet/</a>	DNS: 204.127.160.2 Alt DNS: 204.127.129.2 POP3 server: postoffice.worldnet.att.net SMTP mail host: mailhost.worldnet.att.net <i>Note: Login name and password are different from pop3 user name and password.</i>
CompuServe <a href="http://www.compuserve.com/">http://www.compuserve.com/</a>	DNS: 149.174.211.5 Alt DNS: 149.174.213.5 POP3 server: pop.site1.sci.com SMTP mail host: smtp.site1.csi.com <i>Note: See <a href="http://www.craigtech.co.uk/hpc/cservefaq.html">http://www.craigtech.co.uk/hpc/cservefaq.html</a></i>
Drizzle <a href="http://www.drizzle.com">http://www.drizzle.com</a>	DNS: 216.162.192.2 Alt DNS: 216.162.192.3 POP3 server: pop.drizzle.com SMTP mail host: smtp.drizzle.com <i>Note: Logon using &lt;username&gt;-ppp</i>
Earthlink <a href="http://www.earthlink.net">http://www.earthlink.net</a>	DNS: 207.217.126.81 Alt DNS: 207.217.77.82 POP3 server: mail.earthlink.net SMTP mail host: mail.earthlink.net <i>Note: Requires ELN/ before the logon user name. For more help, see: <a href="http://help.earthlink.net/techsupport/other/wince/menu.html">http://help.earthlink.net/techsupport/other/wince/menu.html</a></i>

Erols Internet <a href="http://www.erols.com/">http://www.erols.com/</a>	DNS: 205.252.116.10 Alt DNS: 205.252.116.19 POP3 server: pop.erols.com SMTP mail host: smtp.erols.com <i>Note: Add 4-6 commas after dial string if not using K56Flex.</i>
MCI WorldCom Internet <a href="http://www.wcom.com">http://www.wcom.com</a>	DNS: 204.70.127.127 Alt DNS: 204.70.127.128 POP3 server: mail.internetmci.com SMTP mail host: mail.internetmci.com
MindSpring <a href="http://www.mindspring.com">http://www.mindspring.com</a>	DNS: 207.69.188.185 Alt DNS: 207.69.188.186 POP3 server: pop.mindspring.com SMTP mail host: mail.mindspring.com
MSN <a href="http://www.msn.com">http://www.msn.com</a>	POP3 server: email not supported (use Hotmail®) SMTP mail host: email not supported (use Hotmail®) <i>Note: Requires MSN/ before user name. Great for browsing the web. Email not supported for Pocket PCs at this time, but Hotmail can be used.</i>
Nocharge.com <a href="http://www.nocharge.com/">http://www.nocharge.com/</a>	DNS: not needed Alt DNS: not needed <i>Note: Username: guest; Password: password; Can use Hotmail or Yahoo Mail for email.</i>
Prodigy Internet <a href="http://www.prodigy.com">http://www.prodigy.com</a>	DNS: 198.83.19.241 Alt DNS: 198.83.19.244 POP3 server: pop.prodigy.net SMTP mail host: smtp.prodigy.net
Quik Internet <a href="http://www.quik.com">http://www.quik.com</a>	DNS: 204.182.160.1 Alt DNS: 205.162.86.17 POP3 server: mail.quik.com SMTP mail host: mail.quik.com
Southwestern Bell <a href="http://www.swbell.net">http://www.swbell.net</a>	DNS: 151.164.1.8 Alt DNS: 151.164.1.7 POP3 server: postoffice.swbell.net SMTP mail host: mail.swbell.net
Sympatico-British Columbia <a href="http://www.bc.sympatico.ca">http://www.bc.sympatico.ca</a>	DNS: 204.174.64.1 Alt DNS: 205.174.64.2 POP3 server: pop.bc.sympatico.ca SMTP mail host: smtp.bc.sympatico.ca
UUNet <a href="http://www.uu.net/">http://www.uu.net/</a>	DNS: 198.6.1.1 Alt DNS: 198.6.1.2 POP3 server: vpop1-alterdial.uu.net SMTP mail host: vsmtp1-alterdial.uu.net <i>Note: Alternatives for POP3 and SMTP are: vpop2-alterdial.uu.net and vsmtp0-alterdial.uu.net</i>



Verio  
<http://www.verio.com>

DNS: 129.250.35.250  
Alt DNS: 129.250.35.251  
POP3 server: pop.veriomail.com  
SMTP mail host: smtp.veriomail.com

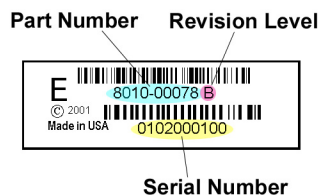
Verizon Online  
<http://www.verizon.net>

DNS: 206.124.64.253  
Alt DNS: 206.124.65.253  
POP3 server: mail.gte.net  
SMTP mail host: smtp.gte.net  
*Note: Requires GTE/ before user name.*

## Appendix E Technical Support

If you cannot resolve a technical problem with the Digital Phone Card, contact Socket's technical support department prepared with the following information:

- The part number (including revision level) and serial number of your DPC. Please see the diagram below.
- The manufacturer, model number, and Windows version of your mobile computer
- If applicable, the Windows version of your host computer
- The manufacturer, model number and carrier of your GSM phone
- What you did to try to correct the problem
- What you do to consistently replicate the problem



To reach Socket's technical support department:

- Visit **[www.socketcom.com/phone.htm](http://www.socketcom.com/phone.htm)**
- Email **[techsupport@socketcom.com](mailto:techsupport@socketcom.com)**
- Phone **510-744-2720**
- Fax **510-744-2727**

Please refrain from disassembling the Digital Phone Card. Disassembly of this device will void the product warranty.

## Limited Warranty

Socket Communications Incorporated (Socket) warrants this product against defects in material and workmanship, under normal use and service, for the following periods from the date of purchase:

Plug-in card: Lifetime (Three years if not registered)

Non-removable cable: Lifetime (Three years if not registered)

Incompatibility is not a defect covered by Socket's warranty. During the warranty period, Socket will, at its option, repair or replace the defective product at no charge when furnished with proof of retail purchase, provided that you deliver the product to Socket or to an authorized Socket Service Center.

The returned product must be accompanied by a return material authorization (RMA) number issued by Socket or by Socket's Authorized Service Center. If you ship the product, you must use the original container or equivalent and you must pay the shipping charges to Socket. Socket will pay shipping charges back to any location in the contiguous United States. This warranty applies only to the original retail purchaser and is not transferable.

Socket may, at its option, replace or repair the product with new or reconditioned parts and the returned product becomes Socket's property. Socket warrants the repaired or replaced products to be free from defects in material or workmanship for ninety (90) days after the return shipping date, or for the duration of the original warranty period, whichever is greater.

This warranty does not cover the replacement of products damaged by abuse, accident, misuse or misapplication, nor as a result of service or modification other than by Socket.

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Some states do not allow limitation of implied warranties, or the exclusion or limitation of incidental or consequential damages, so that the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This product may contain fully tested, recycled parts, warranted as if new.

For warranty information, phone (510) 744-2700.

To register your product online, visit: [www.socketcom.com/prodreg.htm](http://www.socketcom.com/prodreg.htm)

## **Limited Software Warranty**

**LIMITED WARRANTY.** SOCKET warrants that the original disk or CD ROM is free from defects for 90 days from the date of delivery of the SOFTWARE.

**CUSTOMER REMEDIES.** SOCKET'S entire liability and your exclusive remedy shall be, at SOCKET'S option, either (a) return of the price paid or (b) replacement of the SOFTWARE which does not meet SOCKET'S Limited Warranty and which is returned to SOCKET with a copy of your receipt. Any replacement SOFTWARE will be warranted for the remainder of the original warranty period or 30 days, whichever is longer. THESE REMEDIES ARE NOT AVAILABLE OUTSIDE OF THE UNITED STATES OF AMERICA.

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This manual has been prepared with the greatest care regarding its contents. However, in the event that it contains omissions, errors or any other misinformation, please contact SOCKET COMMUNICATIONS at:

**Socket Communications, Inc.**

37400 Central Court  
Newark, CA 94560

Phone: (510) 744-2700

Fax: (510) 744-2727.

Technical support: (510) 744-2720.

***Important! Before calling for technical support, please prepare yourself with the information listed in Appendix E, "Technical Support"***

Other than the above, Socket Communications can assume no responsibility for anything resulting from the application of information contained in this manual.

Socket Communications requests that you refrain from any applications of the Socket Digital Phone Card that are not described in this manual. Socket Communications also requests that you refrain from disassembling the Digital Phone Card. Disassembly of this device will void the product warranty.

You can track new product releases, software updates and technical bulletins by visiting Socket's web page at: [www.DigitalPhoneCard.com](http://www.DigitalPhoneCard.com).

## Regulatory Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. This equipment is also CE EN55024:1998 and C-TICK compliant. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his or her own expense.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user may try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna of the radio or television.
- Increase the distance separating the equipment and the receiver.
- Connect the equipment to an outlet on a different branch circuit than that of the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

The user may find the following booklet helpful:

*How to Identify and Resolve Radio-TV Interference Problems.*

This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402.



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